WHAT IS CLAIMED IS:

1. An apparatus for repairing the junction of a branch line and a header, comprising:

a packer comprising:

a first inflatable sleeve that delimits an interior space;

a second inflatable sleeve connected to the first inflatable sleeve;

a collar region, disposed at a transition between the first inflatable sleeve and the second inflatable sleeve;

at least one tunnel extending from an axial end region of the first inflatable sleeve within the interior space, to the collar region; and

at least one feed line disposed in the at least one tunnel for delivering a sealing material to a desired location.

2. The apparatus of claim 1, wherein the first inflatable sleeve contacts an interior wall of the header when in an inflated state and the second inflatable sleeve protrudes from the first inflatable sleeve and contacts an interior wall of the branch line when in an inflated state.

3. The apparatus of claim 1, wherein a camera is arranged in the interior space to determine a position of the packer in the header.

4. The apparatus of claim 3, wherein the camera is arranged to position the packer to align the second inflatable sleeve with the branch line.

5. The apparatus of claim 3, wherein the first inflatable sleeve and the second inflatable sleeve are comprised of a transparent material in a viewing region of the camera.

6. The apparatus of claim 1, wherein the first inflatable sleeve has opposing ends, each opposing end being sealed on an annular runner mounted on a bearing element, and the annular runners are displaceable in an axial direction.

7. The apparatus of claim 6, wherein the bearing elements are connected to each other by a carrier element disposed in the interior space.

8. The apparatus of claim 7, wherein the camera is arranged on the carrier element.

9. The apparatus of claim 6, wherein the bearing elements and the annular runners form a displacing space that can be connected to a positive-pressure source when the interior space delimited by the first inflatable sleeve is deflated in order to move the annular runners away from each other in the axial direction and to draw the first inflatable sleeve into an at least virtually extended position.

10. The apparatus of claim 1, wherein the packer further comprises, a drawing element disposed in the interior space, having a first end connected to the second inflatable sleeve for drawing the second inflatable sleeve into the interior space by inversion when the interior space delimited by the first inflatable sleeve is deflated.

11. The apparatus of claim 10, wherein the drawing element comprises an elastic band fastened to the second inflatable sleeve and is led around at least one roller, the drawing band having a deflecting element fastened thereto, around which a portion of the drawing band running between the second inflatable sleeve and the at least one roller is led.

12. The apparatus of claim 1, wherein the packer further comprises, a coupling element for coupling the packer to a vehicle.

13. A method of sealing the junction of a branch line and a header, comprising:

inserting a packer into a header in a deflated state;

positioning the packer with a branch line;

inflating a first inflatable sleeve and a second inflatable sleeve, wherein the first inflatable sleeve contacts an inside wall of the header when inflated, and the second inflatable sleeve contacts an inside wall of the branch line when inflated; and

injecting a sealing material into a space between the first inflatable sleeve and the wall and the second inflatable sleeve and the wall.

14. The method of claim 13, wherein positioning the packer comprises viewing a desired location through a camera disposed within the first inflatable sleeve.

15. The method of claim 13, wherein inflating the first inflatable sleeve and the second inflatable sleeve includes introducing compressed air into an interior space delimited by the first inflatable sleeve.